**Jared Smith** District Heights, MD 20747 jaysmithsjob@yahoo.com - 3012576076

I am currently working with Booz Allen Hamilton as a GIS software developer. I am looking for a positions in web development in the private sector.

Authorized to work in the US for any employer

WORK EXPERIENCE

**GIS Software Developer**

Booz Allen Hamilton - Springfield, VA - 2015-09 - Present

Work with javascript. oracle, oracle spatial, oracle express, sql, and pl/sql to create add on mapping capabilities in a desktop website. Created scripts that dynamically created shapefiles and then saved the shapefiles to oracle on the back end. Worked with oracle spatial to convert between well known text and string data as well as find a map extent and geometry types. Loaded project data directly through sql scripts. Customized pl/sql scripts for intended output. Created scripts with Nodejs that converted Gospatial data from shapefiles to geojson and Topojson. Created a script that packaged websites in order for them to be disseminated among different classification systems. My role also included creating webmaps using javascript ,jquery, and other popular javascript libraries to include angularjs. Worked with Esri and their ArcGIS online application to implement it within the agency were I was working.

**GIS Analyst**

Leidos - Alexanddria - 2014-10 - 2015-09

Ortho Rectified imagery in a program called JHU so that it could be delivered to our government client. Set up lidar sensors in the air planes as well as GPS tracking devices to monitor the air planes flight path. Worked with lightroom to ensure image quality. Use python to run automated scripts that helped slow down production time.

**GEOSPATIAL SERGEANT**

130th EN BDE - Bagram, AF - 2013-02 - 2014-09

Worked in current operations were I tracked and delivered reports on the effectiveness of surveillance assets in Afghanistan.

• Used ArcMap 10 to develop a visual graphic to depict were the surveillance assets spotted possible

Improvised Explosive Devices (IED).

• Used locus track to plot point imported from excel spreadsheets, and then ran the kernel density tool to depict suspected IED hotspots.

• Took over as the Geospatial lead halfway through deployment.

• Made maps depicting base closures and maps with imagery of known areas of interest.

• Created a Map of Bagram Air Field which depicted living quarters and their living capacity as well as office quarters and their living capacity. This map also identified all the camp names and points of interests on Bagram. This map was used to brief the post commander so they could get a better understanding of the actual space on BAF to house incoming companies and depict what Bagram would look like during redeployment procedures.

• Created and Altered shapefiles and geodatabases to display the different types of living quarters and infrastructures on Bagram.

• Altered imagery to make areas more visible.

• Briefed the Brigade Commander of the Enemy situation daily as well as weather effects on engineer operations.

• Trained subordinates and provided a monthly evaluation of them.

**GEOSPATIAL SERGEANT**

70th Engineer Company - Schofield Barracks, HI - 2011-08 - 2013-02

Supervised three soldiers and provided monthly evaluations.

• Made maps in support of pacific command operations using ARC Map 9.3.

• Maps produced included flood analysis, earthquake analysis, tsunami analysis, and route studies.

• While in this position I created vector data, altered imagery using hill shades, changing resolutions, and projections.

• Created geodatabases that auto populated data into the same coordinate systems as other imagery in specific areas of interest.

• Temporarily Deployed to Korea were I created maps in support of their annual training exercise.

• While there made maps that depicted were vehicles would be able to travel in case of bridge destructions. Created elevation maps and line of sights that helped the South Korean Colonel depict areas where they would have to control if they were to go to war with North Korea.

• Trained soldiers in how to create hill shades, flood analysis, and how to network printers.

**Geospatial Analyst**

70th Engineer Company - Schofield, HI - 2009-03 - 2011-08 to Victory in Iraq.

• Worked with Arc map 9.1 creating metadata for created vector data.

• Completed over 300 Request for Information (RFIs) in support of Operation Enduring Freedom (OEF) and

Operation Iraqi Freedom (OIF). Produced numerous Tactical and Operational decision aids.

• Made maps supporting engineer mobility operations.

• Trained soldiers in new techniques of data storage and geodatabase exploitation using ARC GIS Desktop

**169th EN BN**

GEOSPATIAL ENGINEER E Co - 2008-09 - 2009-02

Learned basic knowledge of Geographic Information Systems.

• Produced tactical decision aids.

• Perform database management for the storage of aerial photographs, maps, digital data bases, and collateral source materials.

• Performs quality assurance during all stages of topographic operations.

EDUCATION

**BA in Environmental Science**

American Military University

2014 - 2015

**Certificate in ArcGIS Desktop**

Intelligence College

2009

Seguin High School

**Associates in General Studies**

Central Texas College

SKILLS

HTML5, javascript, css, python, jquery, nodejs, angularjs, Geospatial, Erdas, ESRI, Microsoft Suites

MILITARY SERVICE

Service Country: United States

Branch: Army

Rank: Sergeant

2008-07 - 2014-09

I was a GIS analyst that deployed twice, once to Iraq and another time to Afghanistan. While in the service I worked with many different teams and we always produced in a timely fashion and excelled. Once promoted to Sergeant I always had at least a team of 3 soldiers that I supervised.

Commendations:

NCO of the month twice. Soldier of the month. Top soldier at training exercises.